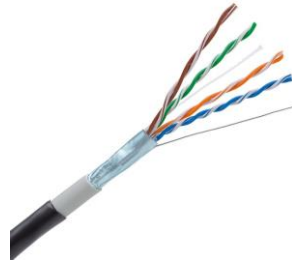
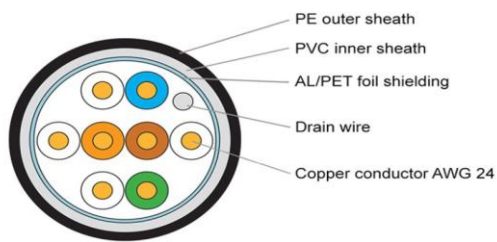


DESCRIPTION:CAT5E FTP CABLE OUTDOOR PVC+PE SHEATH 100Ω 100MHZ



## CABLE CONSTRUCTION &amp; CHARACTERISTICS

1-CONDUCTOR	PARAMETER	UNIT	VALUE
MATERIAL:SOLID-CCA(20%)	Max.linear tesistance.	Ω /km	≤94
DIAMETER:0.51mm±0.015mm AWG:24	Mutual capacity(nom.)	pF/m	50
<b>2-INSULATION</b>	Unbalance capacity max	pF/km	1600
TYPE:PE solid	Characteristic impedance (1 at 100 MHz)	Ω	100±15
DIAMETER:1.02mm±0.02mm	VELOCITY OF PROPAGATION (f>1MHz)	%of c	66
<b>3-SYNTHETICAL SEPARTION FOIL:polyester</b>	<b>Marking</b> cores color:1, WHITE/BLUE -BLUE, 2, WHITE/ORANGE-ORANGE, 3, WHITE/GREEN- GREEN, 4, WHITE/BROWN-BROWN		
<b>4-DRAIN WIRE:</b>			
CCS 0.4mm	FPC-5270E-SOL-OUT CAT5e FTP LAN cable PVC/PE (CCA)		
<b>5-SHIELDING:Aluminium/polyester</b>	solid AWG24/0.51mm CABLEXPRT CE ISO/IEC 11801		
Coverage 110%	001M,002M...305M		
<b>6-RIP CORD</b>			
YES			
7,MAYLAR			
8,Inner jacket:5.6±0.2 pvc			
<b>9-OUTER JACKET</b>			
TYPE: PE			
COLOUR:BLACK			
THICKNESS:0.55mm			
EXTERNAL DIAMETER:6.7mm±0.2mm			

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## ELECTRICAL CHARACTERISTICS

Frequency (MHz)	Return loss(dB)	Attenuatin (dB/100m)	NEXT (dB)	PSNEXT (dB)	ELFEXT (dB)	PSELFEXT (dB)
1	20,0	2,04	65,3	62,3	63,8	60,8
4	23,0	4,10	56,3	53,3	51,8	48,8
10	25,0	6,50	50,3	47,3	43,8	40,8
16	25,0	8,20	47,2	44,2	39,7	36,7
20	25,0	9,30	45,8	42,0	37,8	34,8
25	24,3	10,40	44,3	41,3	35,8	32,8
31,25	23,6	11,70	42,9	39,9	33,9	30,9
62,5	21,5	17,00	38,4	35,4	27,9	24,9
100	20,1	22,00	35,3	32,3	23,8	20,8

## OTHER CHARACTERISTICS

**MINIMUM BENDING RADIUS:10xDiameter**

**WEIGHT:33.00kg/km**

**FIRE GRADE:IEC 332-1/CPR Fca**

**PACKING:305M PER DRUM**

**NINGBO LCR ELECTRONICS CO.,LTD**

**Prepared by: David Date:July 28,2023 Rev.:1**

**Approved by: Sannedy Date:July 28,2023 Page1of1**